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LE-3D/20s: Technical data

Written by dstoll

Tuesday, 09 August 2005

Sensors	3, orthogonal (Z, N, E)
Eigenfrequency, upper frequency limit	0.05 Hz, 40 Hz
Output constant	1000 v/m/s
Damping	0.707 critical
Power supply	+9...+16 V DC
Power consumption	50 mA @ 12 V DC typical, 100 mA max.
Deviation of theoretical transfer function in the range 0.5 ... 80 Hz	± 0.1 dB
Weight (sensor including 1.5 m cable and connector)	6.5 kg
Diameter	195 mm
Height	165 mm
Temperature range	-15 ... +60 °C (centigrade)
RMS noise @ 1 Hz	<2 nm/s
Dynamic range (typical)	136 dB
Poles	3 poles: -0.22 / +0.235j -0.22 / -0.235j -0.23 / 0.000j
Zeros	Triple zero at the origin

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